

Research



Common Core Connection



Research to Build and Present Knowledge

- ✓ Conduct short as well as more sustained research projects based on focused questions, demonstrating the subject under investigation.
- ✓ Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.
- ✓ Draw evidence from literary or informational texts to support analysis, reflection and research.

Learning Commons

Many research related modules



3 – Encouraging student success in research.

#3 Are You Encouraging Student Success in Creative Projects and Research Assignments?

Read Discover Go Beyond Respond Standards Credit/CEU

Research Project Calculator

INFOhio has created a research project calculator to help your students organize and plan their research projects. To access the Research Project Calculator:


1. Go to the INFOhio home page <http://www.infohio.org>
2. Click on the icon for the INFOhio Research Project Calculator.

After going to the RPC site, read about the Research Project Calculator in the yellow box on the right, *About the Research Project Calculator*.

Widgets

Widgets are mini-applications that may be used on a blog or project wiki, Google site, or course Moodle. Read this *School Library Journal* article: *Database Widgets Are Here, My Dream Come True*.

Your widget can look like this EBSCO one shown below:



Facts On File also offers a Search Widget for the Science Online database that we have access to from INFOhio. You can use it to encourage use and increase access of the database by teachers and students on library or teacher webpages. Students could also add them to their own Facebook pages, webpage project pages, or their own websites. The INFOhio username and password will have to be used to actually access the database with the widget. The image below shows you


Research
Project
Calculator and
Widgets

#17 – How to find standards-based materials.

#17 Do You Know How to Find Standards-based Materials? Introducing Cat 2.0 INFOhio Power User

Read Discover Go Beyond Respond Standards Credit/CEU

Your library catalog is a tool you can use to find resources that meet student needs. You can also use the catalog to teach your students information literacy skills. In this module you will dig into the school library catalog.



Introduction to the Catalog: Catalog address, Searching, Keep Lists, Book Lists

Before getting started, note that when navigating in Cat, you should use the "Go Back" link in upper left hand corner of the catalog instead of using your browser's back button.

1. Find your library's online card catalog, CAT 2.0. (Your school library catalog is accessible from: <http://www.infohio.org/web2/web2.html>)

Note: If your library is not automated with INFOhio, choose any school to see how the INFOhio catalog works. For information about automating with INFOhio see the information on *Library Automation: What's New*.

- a. Click on your Information Technology ITC, ask your school librarian.
- b. Click on the *plus* sign next to your school.
- c. Find your school.
- d. There are two interfaces available. Cat Jr. 2.0 is designed for elementary

Using the Opac
and Discovery
Portal

Learning Commons-Check out Things # 4 and 5



#4

Are You Keeping Up Professionally?

Read

Discover

Go Beyond

Respond

Standards

Credit/CEU

Educational research is producing more effective and efficient teaching and learning techniques. 21st century teachers consult current educational research and adjust instruction to meet student-learning needs.

Keeping up with educational research is critical in teaching in the 21st century. Knowing how to find and apply the research is challenging.

Professional Search Teachers & Administrators

EBSCO Professional Search

To address the challenge of finding educational research, INFOhio subscribes to EBSCO Professional Search. It is easy to access for all educators in Ohio.

- Here is a 5 minute flash [tutorial](#) on how to use the EBSCOhost Student Research Center interface with emphasis on the Teacher Resources.
- If you have trouble opening the flash tutorial, try this [PowerPoint presentation](#) instead.
- Click [here](#) to download a pdf document with step-by-step directions on how to access and find education related articles in the EBSCO Professional Search.
- Click [here](#) for a list of titles and information about the database.
- Look at Academic Search Premier and information about the database.

The Inquiry and Knowledge Building
To address the challenge of applying current research to the classroom, the [Ohio Center for Inquiry and Knowledge Building](#) has created modules created by [INFOhio](#) in partnership with the [Ohio Center for Inquiry and Knowledge Building](#). The center's mission is to establish an explanation of inquiry, action, and the INFOhio resources available to support inquiry in the classroom.

Keeping up professionally: DIALOGUE model, inquiry, curation.

#5

Do You Use The Latest Trends to Keep Up?

Read

Discover

Go Beyond

Respond

Standards

Credit/CEU

- To see a short demo of how RSS feeds work watch [Google Reader in Plain English](#) on TeacherTube by Lee Lefever. If you create a TeacherTube account and log in you can avoid watching the advertisement on the video. Now you should be ready to set up your own account in [Google Reader](#) and subscribe to some RSS feeds from INFOhio and other sources.
- Download the [Google Reader in the Classroom](#) document for some ideas for your classroom.
- Let's set up an RSS feed to keep current on a topic from magazines in the EBSCO collection or to get an entire magazine free from EBSCO's Professional Development Collection. Download and read the .pdf document, "Setting Up an RSS Feed from EBSCO" and set up an RSS feed alert the quick way without setting up an account in EBSCO. ([click here](#)). Once you set a feed up, everytime a new article comes out on your topic, it will automatically be sent to your reader.
- You may want to create email alerts, instead of RSS feeds, for new articles on your searched topic or for new issues of your favorite journal. Now that you know how to set an RSS feed, learn how to set an email Alert in EBSCO. Alerts are part of EBSCOhost. Watch this [video](#) on how to set-up an EBSCOhost Email Alert.

Progress through the 21 Essential Things modules and learn about RSS in Biography Reference Bank (Thing 12) , the Digital Video Collection (Thing 16) and other products.

Using RSS feeds and email alerts


Learning Commons-Check out Things # 9 and 18



#9 Do You Know How to Effectively Evaluate Your Students' Information Literacy Skills?

Read Discover Go Beyond Respond Standards Credit/CEU

Here you will learn how to access and use the TRAILS product that you read about in the READ section.



INTRODUCTION

Begin by reading this [introduction to TRAILS](#).

Now that you have some background on TRAILS, let's look at the TRAILS site.

1. In your Internet browser type: <http://www.trails-9.org/>
2. Begin by reading the homepage including the News and Features.
3. Now, click on *About Trails*. Read the sections: *Assessment*, *Privacy*, *Assurances*, and *Timeline Development*.
4. Next, click on *How To Use Trails*, *Sample Items*.
5. Note there is a FAQ section answered in this section.

Using TRAILS

1. If you do not already have a TRAILS account, create your own.
2. Next, create a session.
3. Click on *Create a Review* so that you can experience the product with students, be sure to mark this as a review.

#18 Do You Know How to Find Free Usable eBooks and Mobile Apps for Research or Reading Assignments? INFOhio Power User


Read Discover Go Beyond Respond Standards Credit/CEU

The READ section of this module provides background information on mobile apps, eBooks and podcasts in education. The Discover section provides experiences to dig into Ohio's mobile app, podcast and eBook resources.

In Thing 3 you learned about database widgets which are mini-applications that can be added to websites and provide quick access to resources. In Thing 18 you will learn about mobile apps that can be downloaded to mobile devices such as smartphones or tablets and provide quick, robust access to research tools.


Some of Ohio's podcast resources are available on your computer to access this information.

In previous modules you learned about Learning Commons eBooks (Thing 15). INFOhio also provides a [catalog](#) and [INFOhio Discovery Portal](#).



Learn about and use INFOhio mobile apps.

As apps for mobile devices become available that interface with INFOhio's Core Collection and other products, INFOhio added them to the [mobile app list](#) and provides appropriate links. EBSCO provides two tools for mobile devices. EBSCO Mobile Search allow searching of the EBSCO databases formatted for mobile devices. The EBSCO mobile app provides easier authentication that is saved for nine months. To try out these mobile devices go to the [INFOhio EBSCO Mobile page](#).



BookMyne is an iPhone app that allows users to search their book catalog, place holds and view their accounts. BookMyne mobile app users can scan the barcode to check their library and place it on hold right there. BookMyne makes finding content easy with social

Assessing
students'
information
literacy skills
with TRAILS.

Finding free
ebooks and
mobile apps for
research.

Learning Commons – Check out Things # 10 and 14



#10 Are You Up-To-Speed with New Search Engines and Graphical Display Options?

Read Discover Go Beyond Respond Standards Credit/CEU

1. Follow these directions to use World Book as a search engine.
Go to <http://www.infoho.org>
Click on *Core Collection*
Click on *World Book Web* ([Download these instructions as a .pdf with screen shots](#))

Choose the version of World Book that you would use for your students, e.g. World Book Kids for grades K-3, World Book Students for grades 4-6, and World Book Advanced for high school and up.
Do several searches for broad topics such as a country or an animal or a planet and follow the link to the main article.
In addition to the article, you may see special reports, books to read, primary source documents, and web search in a box in the top right. To use World Book as a search engine, follow the link to *web search* and take look at your results.

2. Try out *Boolify*. Drag the colored puzzle pieces over to do basic and advanced searches.

3. Try *WolframAlpha*. One good search to do is searches at [New to Wolfram Alpha](#) at [Wolfram suggested](#)

New search engines like Wolfram Alpha and Boolify.

#14 Are You Going Beyond Google Search in your Classroom or Library for Inquiry based lessons? INFOho Power User

Read Discover Go Beyond Respond Standards Credit/CEU

Now that you have an introduction to the types of databases available to you and your students through INFOho's subscription to [EBSCOhost](#), learn about the various interfaces for searching the data.

1. Watch the *SearchSaurus Flash tutorial* and learn how *SearchSaurus* works. You may need to enter the current INFOho username and password. Locate articles about atoms. Do not forget to indicate the *Lexile* limiters, and click on the various icons at the top to separate articles from magazines, books and encyclopedias, biographies and pictures.

2. Watch the *Kids Search Flash Tutorial* and take the *quiz* to check your learning. You can use this tutorial with your students to help them learn how to use *Kids Search*. Search for *global warming*, separate the search results into magazines, books, biographies and photos from the icons at the top of the search results page.

3. Watch the *Legal Search Flash Tutorial* and take the *quiz* to check your learning. You can use this tutorial with your students to help them learn how to use *Legal Search*. This feature works the same in *Kids Search*. Now try searching *Legal Search* for *global warming*. Important that your search results are separated into magazines, books, biographies and photos from the icons at the top of the search results page.

4. Watch the *Creating a Citation* tutorial. Learn about the *SRIC* differences between *EBSCOhost* and *MasterFILE Premier*. Now try searching *Legal Search* for *global warming*. Include a citation and *Student Research Center* 9-12. Depending on your research needs, you may wish to choose *MasterFILE Premier* or one of the other databases provided in *All Database Search*.

5. Take a few minutes to review the many databases available from the INFOho's subscription to [EBSCOhost](#) by repeating an *All Database Search*. Select *MasterFILE Premier* and search for *urban sprawl*. Note that *MasterFILE Premier* has a much deeper and broader title base than *MAS Ultra - School Edition*, which is the database linked to *Student Research Center 9-12*. Depending on your research needs, you may wish to choose *MasterFILE Premier* or one of the other databases provided in *All Database Search*.

6. Create an account in one of the online notetaking services such as *Evernote*.

Go beyond Google – learn about different database interfaces and notetaking with Evernote.

Learning Commons – Check out Things #11, 15 and 19



#11 Do You Use Cool Tools for 21st Century Projects?

Read Discover Go Beyond Respond Standards Credit/CEU

Take a look at [Digital Literacy Tools](#). Begin by watching the Chapter 4 video on the many features of [Digital Literacy Tools](#). (To begin the video, click on the arrow in the video box above.)

1. Choose a famous author, scientist or composer and read about his/her life. Click on some of the additional links that are included with the article.
2. [Wordle](#) is a tool that allows you to use the same or a different author, scientist or composer's life in [Wordle](#) and compare the information.
3. Based on the information that you collected in your reading, create a [Wordle](#) using words or phrases about the person you researched. Change the font, the size of the words in your word cloud. You can publish your Wordle to the screen capture it to your computer.

Web 2.0 Tools for Your Personal Learning Network

4. Try your hand at creating a [Glogster](#) poster with the information you collected reading. Add a picture, some text and even a link back to one of the [Wordle](#) about the composer.
5. Create a mind map of a topic in your curriculum using [Bubble.us](#) or try it out with [Mindmeister](#).

Take a look at this example of a mind map of Web 2.0 tools. [Click on PDF](#)

Use cool tools like Wordle, Glogster and Bubble.us

#19 Do You and Your Students Know How to Find and Use Images Purchased for Ohio Schools? INFOhio Power User

Read Discover Go Beyond Respond Standards Credit/CEU

"What we're creating with visual and multimedia technology programs is students who can see an issue from all angles and present it in meaningful, compelling ways. These are the skills students need to thrive in the 21st century," says Catherine Stemple in ["Why We Need to Teach 21st Century Skills And How to Do It."](#) [Multimedia & Internet Schools](#), July/Aug. 2008. (INFOhio username/password may be needed for access to this article. See your school libraries for the username/password.)

In this module, Thing 19, you will learn about finding images, analyzing them, properly citing images and visual literacy.

Visual Literacy

Learn more about visual literacy in this TeacherTube video: [Visual Literacy: Access the Community Arts Series](#).

Learn How to Cite Images

Did you know that when images and art are included in a project, they should be cited? Basic citation information is available in from INFOhio. First check out the rules for using images on INFOhio's [Copyright & Education](#) resources. There is a good guide in and from the [Technology & Learning](#) [Exemplars and Fair Use Guidelines for Teachers](#). Sources on citation from INFOhio with information you can share with students are listed below.

INFOhio Citation Resources by Joana Michals, Librarian, South Euclid Lyndhurst City Schools, January 2010. A guide for students preparing 10th grade or [Digital Literacy](#) projects. Includes tips to cite INFOhio's [Copyright & Education](#) resources. There is a good guide in and from the [Technology & Learning](#) [Exemplars and Fair Use Guidelines for Teachers](#). Sources on citation from INFOhio with information you can share with students are listed below.

MLA 7th Edition Format and INFOhio by Joana Michals, Librarian, South Euclid Lyndhurst City Schools, January 2010. A guide for students preparing 10th grade or [Digital Literacy](#) projects. Includes tips to cite INFOhio's [Copyright & Education](#) resources. There is a good guide in and from the [Technology & Learning](#) [Exemplars and Fair Use Guidelines for Teachers](#). Sources on citation from INFOhio with information you can share with students are listed below.

MLA 7th Edition: A Getting Started on by Joana Michals, Librarian, South Euclid Lyndhurst City Schools, January 2010. A guide for students preparing 10th grade or [Digital Literacy](#) projects. Includes tips to cite INFOhio's [Copyright & Education](#) resources. There is a good guide in and from the [Technology & Learning](#) [Exemplars and Fair Use Guidelines for Teachers](#). Sources on citation from INFOhio with information you can share with students are listed below.

Finding and citing images.

#15 It's Not Your Mother's Encyclopedia! Are You Aware of the New World Book Tools for 21st Century Skills? INFOhio Power User

Read Discover Go Beyond Respond Standards Credit/CEU

Discover how you can engage your students with reliable, trusted, gateway resources that meet the needs of different learning styles and reading abilities.

Since [World Book Web](#) has several levels, this activity introduces you to the early learning, elementary, upper elementary/middle school and high school materials in the resource. Now let's dig in and investigate INFOhio's [World Book Web](#). Begin with this overview [video tutorial](#) from INFOhio.

Now take a few minutes and learn about the three levels of the [World Book Encyclopedia](#).

Use World Book for citation builder, primary sources, timeline, pathfinders.

Learning Commons – Check out Things #7 and 20




#7 Are You Familiar with the Tools Available to Assist Students and Parents with Homework?

Read Discover Go Beyond Respond Standards Credit/CEU

This is a participative part of the module introducing you to tools to assist students and parents with homework. Educators can help their students be successful by introducing the students to help resources available 24x7.


So why do teachers assign homework? Is it important? Here is a [tool](#) to help parents learn how to best assist their children to be successful students.



To help parents learn about INFOhio and the homework resources available, INFOhio has prepared a [Toolkit for Promoting INFOhio Resources to Parents](#) for librarians and teachers to use, including videos and sample letters for parents.

INFOhio provides pages of helpful resources for parents regarding homework. Review the resources:


- [Web resources](#)
- [How to help with homework](#)
- Sample school [outreach materials](#)




Help at home for students and parents.

#20 Do You Access High Quality Materials for Your STEM Classroom? INFOhio Power User

Read Discover Go Beyond Respond Standards Credit/CEU




Science Online Video



EBSCO Host Video

Before taking a look at the INFOhio resources for STEM take a look at the video explaining STEM and the need for STEM education from the President's [Educate to Innovate](#) site.

Ready to take the plunge into resources that will help you to get students excited about STEM? INFOhio has many STEM resources. In This [Science Online](#). You are also reintroduced to [Science Online](#) Search Premier and Computer Source.



[Using Science Online](#)

Begin by watching the video about Science Online (video box right above this module.)

Now dig into [Science Online](#).

1. Go to [INFOhio](#)
2. Select the [Grades 6-8](#) button.
3. Click on the [Science Online](#) button. (You will need a username and password for home access to Science Online. Check with your school librarian.)
4. Choose [Experiments](#) from the list on the right hand side of the page
5. Under the heading, [Environmental Science](#), select the term, [Recycling](#), from the pull down list at

Materials for STEM (math, science, technology).

It also contains a Learning Skills module.



Main Menu	
>	Home
>	Get Started / Register
>	21 Essential Things
	Learning Paths
	Credit/CEU
>	Learning Skills
>	Community (KBC)

Videos feature real Ohio educators modeling instructional strategies for teaching research skills.

INFOhio's DIALOGUE Model for the 21st Century Skills		21st Century Skills	Standards	Instructional Strategies
D	Discover/Develop an Overview	Creativity & Innovation Critical Thinking & Problem Solving Information Literacy	ODE AASL ISTE	Module 1 -- Cues, Questions and Advanced Organizers
	Investigate	Critical Thinking & Problem Solving Information Literacy	ODE AASL ISTE	
A	Analyze	Critical Thinking & Problem Solving Information Literacy	ODE AASL ISTE	Module 2 -- Summarizing & Note Taking
	Locate/Explore	Critical Thinking & Problem Solving Collaboration	ODE AASL ISTE	
O	Organize/Apply	Critical Thinking & Problem Solving Collaboration Information Literacy	ODE AASL ISTE	Module 3 -- Cooperative Learning
	Globalize	Collaboration Information Literacy	ODE AASL ISTE	
U	Understand/Reflect	Communication Collaboration Creativity & Innovation Information Literacy	ODE AASL ISTE	Module 4 -- Self-Assessment and Reflection
	Evaluate	Creativity & Innovation Communication Information Literacy	ODE AASL ISTE	71

The Learning Skills section of the INFOhio 21st Century Learning Commons is highlighted to show how to find the DIALOGUE model for 21st Century Skills.

Research Project Calculator



Research Project Calculator

Name:

Class:

E-mail:

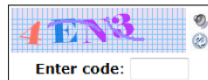
Retype E-mail:

* Format:

☐ Include teacher information

* Date you will begin the assignment: - -

* Date the assignment is due: - -



Calculate Project Schedule!

* Indicates a required a field

Related Links







- [Project Rubric](#)
- [Glossary of Terms](#)
- [Tell us what you thought of the RPC.](#)

Teacher Resources


- [About the Research Project Calculator](#)
- [Support Materials](#)
- [Other Resources](#)
- [Effective School Library Media Programs](#)

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The resources include student activities, graphical organizers, tip sheets, lesson plans and links related to the steps of the research process.

	Instructional Planning Guide (for the library media specialist) Record information for the project, including goals, roles for participants and resources.
	Download PDF [1 page] Download MS Word [1 page]
	Student Research Planning Guide Handout that students might use to record their progress
	Download PDF [1 page] Download MS Word [1 page]
	Narrowing a Topic Using a General to Specific Triangle (graphical organizer) Exercise to guide students in narrowing a topic
	Download PDF [1 page] Download MS Word [1 page]
	The Research Process: Questions and answers (graphical organizer) This page is one of a two part series that might be used by students to record their progress. Part one is the Outline Organizer linked from step three.
	Download PDF [1 page] Download MS Word [1 page]
	What's My Angle? Generating Topics and Research Questions (graphical organizer) This worksheet may be used to identify a unique angle on a topic.
	Download PDF [1 page] Download MS Word [1 page]
	Generate a Research Question Based on Personal Interests (graphical organizer) If students generate topics based on personal interests, this graphical organizer could be used
	Download PDF [1 page] Download MS Word [1 page]

Students can use it to create a timeline for their work.



Step 1: Question

- What do you know about your assignment?
- What do you know about your topic?
- What do you want to know?
- What's the question or problem you will focus on?

By Friday Sep 28, 2012
Write a specific research question or hypothesis.

Step 2: Gather

- About this step
- Where will you look for information?
- What search tools will you use to find the best information to answer your question?
- What keywords will you use?
- How will you identify the best sources?
- How will you record what you find?
- How will you give credit to your sources?

By Saturday Oct 13, 2012
Create an annotated bibliography and record notes from sources.

Step 3: Conclude

- What did you learn from reading, listening, and viewing?
- How will you organize the information you found to answer your question or defend your hypothesis?

By Saturday Oct 20, 2012
Confirm thesis and outline main points.

Questions link students to helpful materials.



Ask, Act, Achieve Teacher's Guide



The Teacher's Guide offers help on each topic, subtopics, and links.

Students get an interactive guide to help them with research.



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Goes live Feb 13

Targeted to middle and high school students—people just learning how to do big research projects. Walks them through the process step by step so they won't get overwhelmed.

They can click on each question and find websites and templates to help them at that stage of research.

Each question has helpful links and resources.

The screenshot shows the INF Ohio website with a navigation bar at the top containing links like 'INF Ohio Home', 'About INF Ohio', 'Site Search', 'Site Map', 'Suggestions', 'ITC Docs', 'K-5', '6-8', '9-12', and 'Other Resources'. Below the navigation bar is a banner with three smiling students and the text 'Ask Act Achieve' and 'Let Act & Achieve pay for your learning'. The main content area is titled 'Achieve' and features a sidebar with three questions: 'How do I present my project?', 'How do I publish my work?', and 'How do I evaluate my project?'. The main content area is titled 'How do I evaluate my project?' and contains three sections: 'Check List for Completing Assignments', 'Research Project Rubric', and 'Create a Survey with SurveyMonkey'. Each section includes a brief description and a link to the resource.

Check List for Completing Assignments
<http://www.inf-ohio.org/documents/2008/02/Check%20List%20for%20Completing%20a.pdf>
 I need to make sure my project is complete.
 Use this checklist to make sure you have completed your assignment.
[Click here to begin.](#)

Research Project Rubric
<http://www.inf-ohio.org/documents/ResearchProjectRubric.pdf>
 Is my project the best it can be?
 Check out this rubric for ideas on how to evaluate your research project and research process.
[Click here to begin.](#)

Create a Survey with SurveyMonkey
<http://www.surveymonkey.com>
 I need to create a survey!
 Find out what others think of your work using this free online survey tool, SurveyMonkey.
[Click here to begin.](#)

ACT: How do I find valid information? Links to appropriate INFOhio databases.

The screenshot displays the INFOhio website interface. On the left, a red sidebar contains the text "answer my question?" followed by two questions: "How do I organize my work?" and "How do I work with others in a group?". The main content area is white and lists several research resources. At the top, there are three tabs: "Good places for science research >", "Good places for math research >" (highlighted with a red box), and "Good places for language arts research >". Below the "math research" tab, a list of resources is shown:

- OXFORD Online Reference**: Math definitions
- SCIENCE ONLINE**: Math articles, videos and experiments
- Biography**: Mathematicians and their lives
- Student Research Center** (Grades 6-8): General resources for grades 6-8
- Student Research Center** (Grades 9-12): General resources for grades 9-12
- Ohio Digital Video Collection**: Videos

Below this list, there are three more tabs: "Good places for language arts research >", "Good places for social studies research >" (highlighted with a red box), and "Good places for arts research >".

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Not just websites.



Elementary Resources Middle School Resources High School Resources Children's & Young Adult Literature Parent's Guide Educator's Guide Librarian's Guide

Everything Search

Home » Educator's Guide » High School » Assessment » Assessment Building Tools

Assessment Building Tools
Test Preparation

How Do I ...

- Collaborate With My Peers?
- Test Advanced Students?
- Get Project Ideas?
- Create Puzzles & Games?
- Make My Own Web Page?
- Give Meaningful Homework?
- Help Foreign Students?
- Teach Web Search Strategies?
- Manage My Time?
- Manage Professional Career?

Try This!

Elementary
Middle School

Rubric Builders

- Rubrics for Project-Based Activities
- Teacher Created Rubrics
- Rubrics Galore!
- General Rubrics

Test Builders

- Easy Test Maker
- A Guide to Writing Tests
- State Exam Practice

Portfolios

- Creating & Using Electronic Portfolios
- Electronic Portfolio Development Process
- Portfolio in General
- Assessment: Using Portfolios

Progress Reports

- Mid-Term Reports
- Progress Reports Generator

Cool Links

- Archimedes' Lab
Find tons of brain games and puzzles for the math & science-minded!
- Web Karaoke
Take a break and release your inner singer-song-writer!
- Cook Anything
Type in any ingredient and get recipes and cooking suggestions!

Read More About

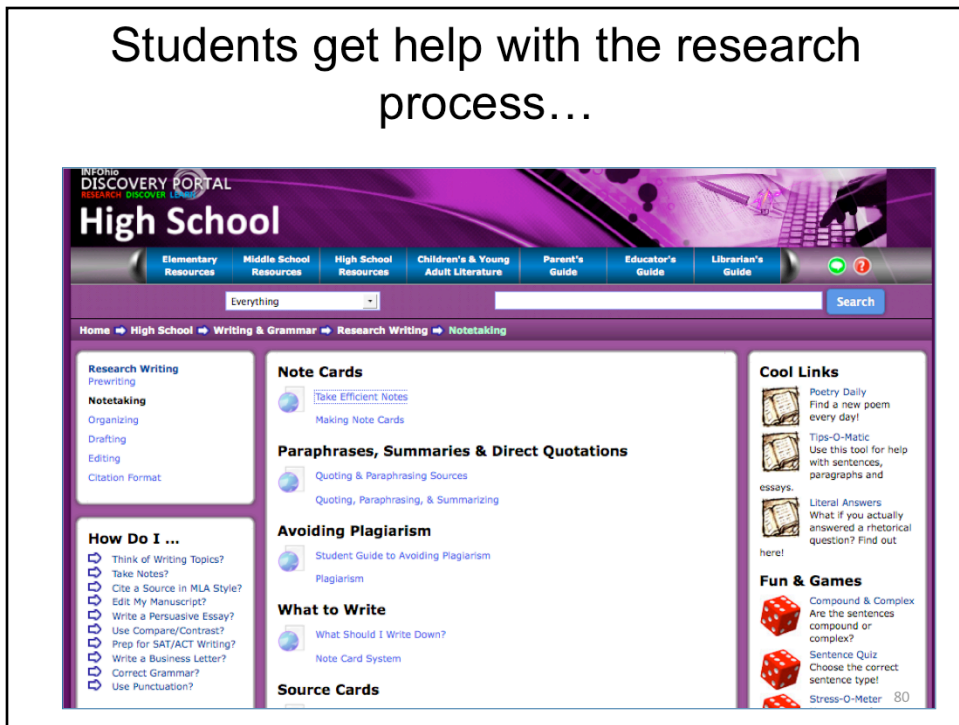
- Food for Thought
From the Tropics
The Meaning of Food
Food, Inc.

What's That?

- Route 21
Take this interactive tour of resources for helping your students build 21st century skills. More.

Search for topics of interest.

Students get help with the research process...



INFOhio helps students research, discover and learn.

The INFOhio Discovery Portal is INFOhio's vision for an end-user discovery portal offering one-stop searching. It brings together over 23,000 educator-selected age-appropriate websites, Best of the Web sites collection, federated/aggregated searching of the INFOhio electronic resources, and the statewide Digital Video Collection

The resources are age-appropriate as divided into three separate grade ranges – Elementary, Middle and High School. Each of the grade level areas are separated into 23 curriculum-related content areas like Art, Literature, Math, Physical Science, etc. The portal is not just for students, there are also parent and educator guides, divided by grade level, to help these groups guide students in their learning as well as a Librarian's guide and Children's Literature area.

[ANIMATION 1] The search interface allows you to search resources singly or all at once. The "right" INFOhio Electronic Resource has been matched with each topic area to provide necessary encyclopedia, reference, or magazine and newspaper material.

...and a large variety of topical resources.

The screenshot displays a search engine interface with the following components:

- Search Bar:** Located at the top right, containing the text "weather".
- Search Results:** A central list of results. The first result is titled "1929-1936 stormy weather" by Jennings, Peter, 1938-2005. The second result is titled "Our Ohio: Mulberry Creek Herb Farm, National Weather Service, Klosterman Baking Company Episode 417".
- Limit Search Results:** A sidebar on the right with filters for Author, Format, Publication Date, and Subject. Each filter has an "Include" and "Exclude" button. The "Author" filter shows results for Project Gutenberg (38), Nye, Bill (30), Disney Educational P... (29), Film Ideas, Inc. (23), and Visual Learning (Com... (22). The "Format" filter shows results for Rooms Content (147), Video cassette (70), Electronic Resources (37), Video disc (33), and Books (20). The "Publication Date" filter shows results for 1980-1992, 1993-1996, 1997-2001, 2002-2006, and 2007-2011. The "Subject" filter shows results for Area Media Centers D... (143) and Electronic books (38).
- Everything Dropdown:** A dropdown menu at the top left, currently set to "Everything". It lists various search engines and databases, including Rooms Content Search, Ohio Digital Video Collection, INFOhio eResource Collection, Best of Web, Biography Reference Bank, EBSCO Academic Search Premier, EBSCO Master File Premier, Oxford Reference, and World Book Advanced.

Red annotations highlight the "Everything" dropdown menu, the search results count "328 results found", and the "Limit Search Results" filters.

World Book – Research Tools

For Teachers
and Students

The screenshot displays the World Book Advanced website. At the top, the logo reads "WORLD BOOK ADVANCED". Below the logo, the "RESEARCH TOOLS" section includes links for Dictionary, Atlas, Explore Ohio, World Newspapers, Explore the world, Today in History, and Teaching With Documents. The "CREATE AND SHARE" section features My Research, Pathfinders, Citation Builder, and Timelines. The "IN THE HEADLINES" section, dated July 26, 2012, lists Reuters News and several headlines: "China indicts Bo's wife for murder", "Syrian forces pound Aleppo and Damascus", "Brazil public sector demands stymie", and "Rousseff's cost-control push". On the right side, there is a search bar with a "Search" button and radio buttons for Keywords, Full Text, and Images. Below the search bar is an "Advanced Search" section with a large image of a starfish on a coral reef. The "E-BOOKS CENTER" section on the right describes the availability of thousands of fiction and non-fiction e-books in nine languages and provides a list of featured titles: "A Dictionary of American History", "Martin Luther King Jr. and the American Dream", and "History and Practice of the Art of Bookbinding". It also includes a prompt to find ebooks by author, title, language, or genre.

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The Core Collection

